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I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, transmitted to the U.S. Patent and Trademark Office on the date below:

Name: Jayna M. Lofgren
Signature: *Jayna M. Lofgren* Date: April 7, 2004

PATENT
Attorney Docket No. 49493.830037.US0 (0269)
VGEN.P056-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Darasch et al.

Serial No.: 09/536,111

Filed: March 24, 2000

For: METHOD FOR ALIGNMENT OF DNA
SEQUENCES WITH ENHANCED
ACCURACY AND READ LENGTH

Examiner: Lori A. Clow

Art Unit: 1631

Confirmation No.: 2310

TRANSMITTAL OF ISSUE FEE

Mail Stop ISSUE FEE
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

Applicants submit herewith Part B - Fee(s) Transmittal for the above-captioned application and a check in the amount of \$1,330.00 in payment therefor.


Also, enclosed herewith are the following documents:

1. Copy of Withdrawal from Small Entity Status filed March 26, 2003; and
2. Change of Correspondence Address.

Applicants understand that no additional fees are required. However, if the Office determines that any comparison fees or other additional fees are required, the Commissioner

is authorized to charge any such fees to Holland & Hart LLP, Deposit Account No. 08-2623.
A copy of this Transmittal Letter is enclosed for deposit account charging purposes.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Christopher L. Wight", is written over a horizontal line.

Christopher L. Wight, Reg. No. 31,680
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Date: April 7, 2004
CLW/jml

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ATTORNEY DOCKET NO. VGEN.P-056-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Darasch et al.
Application No: 09/536,111
Filing date: March 24, 2000
Confirmation No.: 2310
Title: Method for Alignment of DNA Sequences with Increased Read-Length
and Accuracy

WITHDRAWAL OF SMALL ENTITY STATUS

Dear Sir:

Applicants hereby withdraw the previously submitted claim for small entity status. This application should henceforth be treated as a large entity.

Respectfully submitted,

Marina T. Larson, Ph.D.
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CERTIFICATE OF FACSIMILE TRANSMITTAL

I hereby certify that this paper is being sent by facsimile transmittal to the United States Patent Office at 703-872-9307 on March 26, 2003.

3.26.03
Date of Signature

Lori South
Lori South